Always there to help you

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www.philips.com/welcome

HMP4000

Question? Contact Philips

User manual

PHILIPS

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1 Trademark notice

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

Manufactured under license from Dolby Laboratories.
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Real RMVB logo is a trademark or a registered trademark of RealNetworks, Inc.

2 Safety and notice

Read and understand all instructions before you use this product. If damage is caused by failure to follow the instructions, the warranty does not apply.

Safety

This 'bolt of lightning' indicates uninsulated material within the device may cause an electrical shock. For the safety of everyone in your household, please do not remove the covering.

The 'exclamation mark' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.
WARNING: To reduce the risk of fire or electric shock, the device should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on the device.
CAUTION: To prevent electric shock, fully insert the plug. (For regions with polarized plugs: To prevent electric shock, match wide blade to wide slot.)

- Only use attachments/accessories specified by the manufacturer.
- Use only power supplies listed in the user manual.
- The product shall not be exposed to dripping or splashing.
- Do not place any sources of danger on the product (e.g. liquid filled objects, lighted candles).
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Modification of the product could result in hazardous radiation of EMC or other unsafe operation.

Warning

- Never remove the casing of this product.
- Never lubricate any part of this product.
- Never place this product on other electrical equipment.
- Keep this product away from direct sunlight, naked flames or heat.
- Ensure that you always have easy access to the power cord, plug or adaptor to disconnect the product from the power.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Compliance

CE

This product complies with the radio interference requirements of the European Community.

Class II equipment symbol:

CLASS II apparatus with double insulation, and no protective earth provided.

Any changes or modifications made to this product that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.

Note

- The type plate is located on the bottom of the product.

Copyright

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V or their respective owners. Philips reserves the right to change products at any time without being obliged to adjust earlier supplies accordingly.

Care of the environment

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, and old equipment.

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC.

Please inform yourself about the local separate collection system for electrical and electronic products.

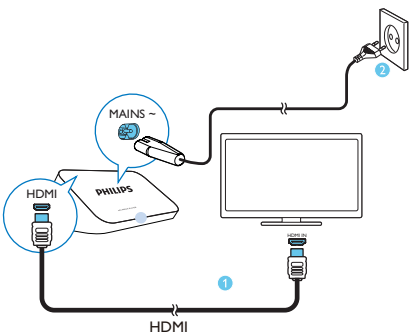
Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

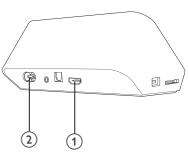
Warranty

- Never attempt to repair the product, this could lead to the risk of injury, damage to the product and will void your warranty.
- Use the product and accessories only as intended by the manufacturer. The caution sign printed on the back of the product indicates risk of electric shock.
- Never remove the cover of the product. Always contact Philips Customer Support for service or repairs.
- Any operation expressly prohibited in this manual, or any adjustments and assembly procedures not recommended or authorized in this manual shall void the warranty.

3 Basics

Connect

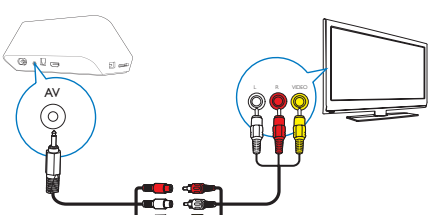




① **HDMI connector for audio/ video output**
- Connects to a high-definition TV (HDTV) through an HDMI cable

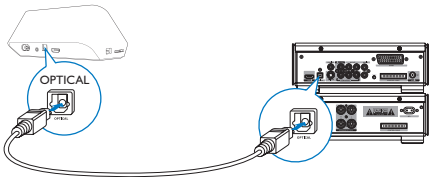
② **Power connector**
- Connects to power supply through the AC power cord

To connect to a TV through AV cables



- Through **AV**, use the supplied AV cable to connect **HMP4000** to a TV.
- Make sure that the plugs and sockets match in color.

For high quality audio

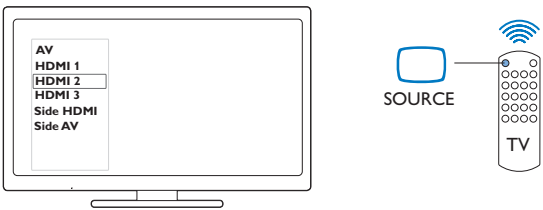


- Through **OPTICAL**, use a fiber optical cable to connect **HMP4000** to the **OPTICAL** or **SPDIF** input connector on an audio/video system.

Switch on or off

1 On **HMP4000**, press ⏻ on the remote control to switch on.
↳ The power indicator lights up white.

2 On the TV, switch to the input connector of **HMP4000**:
- On the remote control of your TV, use the source button to select the input channel of **HMP4000**.



3 To switch **HMP4000** to standby mode, press ⏻ again on the remote control.
↳ The power indicator lights up red.

Auto standby

From the Home screen, go to ✿ **[Setup]** > **[System]** to switch on **[Automatic Standby]**
If there is no button press or media play on **HMP4000** for 15 minutes, **HMP4000** switches to standby mode automatically.

Screen saver

From the Home screen, go to ✿ **[Setup]** > **[System]** to switch on **[Screen Saver Delay]**.
If there is no button press or media play on **HMP4000** for a selected time duration, the screen saver is activated. To exit the screen saver, press any button on the remote control.

Use the remote control

Switch HMP4000 on or to standby mode
- Press ⏻

Navigate between screens or through options

🏠
- Return to the Home screen

▲, ▼, ◀, ▶
- Navigate through options

OK
- Confirm the option

↩
- Back one level or exit

View options menu for media play or file navigation
- Press ☰ OPTIONS

Control the play

▶❚❚
- Start, pause, or resume the play

■

- Stop the play

⏮ / ⏭

- Skip to the previous/ next media file

◀◀ / ▶▶

- Search backwards or forwards within current file
- Press repeatedly to select a search speed

▲ / ▼

- Rotate a photo

INFO

- Display the information about current file during play

- Press repeatedly to select aspect ratio, or zoom in or out. To pan through an enlarged photo, press ▲, ▼, ◀, ▶.

SUBTITLE

- Access subtitle options

Remove the connected USB device safely

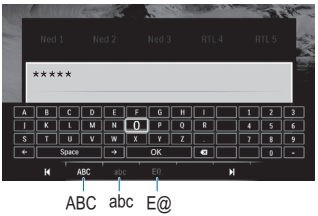
- Press and hold ■ and select the option

Manage files/folders underon the connected storage devices

- Press **EDIT**

Enter text

With the onscreen keyboard, use the remote control to enter text.



Select input modes

- Press ⏮ / ⏭ on the remote control.
  - ↳ On the onscreen keyboard, current input mode is highlighted.

    ABC : English input in the upper case

abc : English input in the lower case
E@ : symbols

Enter text

1 On the remote control, press ▲▼◀▶ to move to a key, press **OK** to select the letter or symbol.

2 On the onscreen keyboard, select the input options by using the remote control:
← / → : Move the cursor to the left or right.
⌫ : Delete the entry before the cursor.

3 When the text entry is complete, select **OK** on the onscreen keyboard to exit.

4 Play

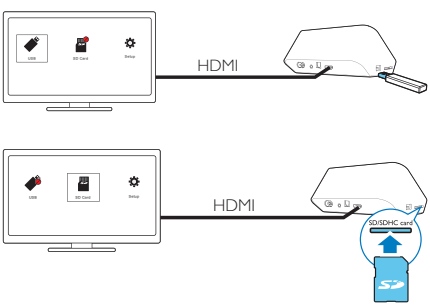
On the HDTV, enjoy media play from a mass storage device, including:

- a USB mass storage device,
- an SD card, or
- an SDHC card.

Play from a mass storage device

1 Connect your mass storage device to **HMP4000**:

- For a USB mass storage device, connect to ⇠ on **HMP4000**.
- Insert an SD/ SDHC card to the **SD** slot.



↳ When the USB device is recognized by **HMP4000**, changes to on the Home screen.

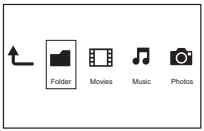
↳ When the SD/ SDHC card is recognized by **HMP4000**, changes to on the Home screen.

2 On the Home screen, select or .

↳ Media files are sorted as follows:

[Folder]: Display all the files/ folders.
[Movies]: Display movie files.

[Music]: Display music files.
[Photos]: Display photo files.



3 Select a file to start play.

Search for media files

- In the list of files or folders, press ☰ OPTIONS to select your options:
  In **[Folder]**:
  To display files in different views,
  - Select **[Thumbnails]**, **[List]**, or **[Preview]**.

  To show files by media type,
  - Select **[All Media]**,**[Movies]**,**[Photos]**,or **[Music]**.

  In **[Movies]**, **[Music]**, and **[Photos]**:
  To search for a file by keyword,
  - Select**[Search]**. Enter the keyword on the onscreen keyboard (see 'Enter text' on page 11).

  To sort files in different ways,
  - Select **[Sort Order]**.

  To go to the folder view,
  - Select **[Go to Folder]**.

Select play options

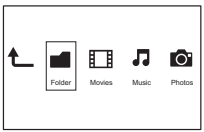
1 During play, press ☰ OPTIONS on the remote control.
2 Press ▲▼◀▶ to select an option. Press **OK** to confirm.

For videos,
[Subtitle]: Select a subtitle language
[Audio]: Select an audio language

[Night Mode]: (for audio encoded in Dolby Digital): Makes loud sound level softer and soft sound level louder so that you can enjoy videos at a low volume, without disturbing others.
[GOTO]: Skip to the specific time, title, or chapter.
[Repeat Title]: Repeat current title.
[Repeat All]: Repeat all the flies.
[Repeat Off]: Switch off the repeat mode.
[Video Setting]: Select display options.
For music,
[Repeat Off]: Switch off the repeat mode.
[Repeat One]: Repeat current file.
[Repeat All]: Repeat all the flies.
[Shuffle Loop]: Play all the files in random order.
For photo slideshow,
[Slide Timing]: Set the time interval before one slide switches to another.
[Slide Transition]: Set the transition mode between two slides.
[Repeat Off]: Switch off the repeat mode.
[Repeat All]: Play photos in current folder repeatedly.
[Shuffle Loop]: Play photos in current folder in random order.
[Background Music]: Play a music file during the slideshow.
[Video Setting]: Select display options.

Manage files

On **HMP4000**, select ✎ or ▮ on the Home screen. Go to **[Folder]**, and you can manage files on the connected storage devices.



Copy or move files and folders

1 In **[Folder]**, select a file or folder in the list of files/ folders.

To select multiple files,

① **On the remote control, press EDIT.**
↳ A list of options is displayed.

② **Select [Multiple Select].**
↳ A file list is created for you to add files or folders.

③ **Press ▲ / ▼ to select a file or folder. Press ▶❚❚ to confirm.**

2 On the remote control, press **EDIT**.

3 On the pop-up list of options, select **[Copy]** or **[Move]**.

4 Select a folder as the destination. Press ▶❚❚ to confirm.
↳ The selected files or folders are copied or moved to the destination.

Delete files and folders

1 Follow Step 1-3 under "Copy or move files and folders" (see 'Copy or move files and folders' on page 15).

2 On the pop-up list of options, select **[Delete]**.
↳ The selected files or folders are deleted.

Rename files and folders

1 In **[Folder]**, select a file or folder in the list of files/ folders.

2 On the remote control, press **EDIT**.

3 On the pop-up list of options, select **[Rename]**.

4 On the pop-up onscreen keyboard, edit the file/ folder name (see 'Enter text' on page 11).

Create music playlists

You can create playlists for music files you want to play together.

1 In **[Folder]**, select music files.

① **On the remote control, press EDIT.**

↳ A list of options is displayed.

② Select [Multiple Select].
↳ A file list is created for you to add files.

③ Press ▲ / ▼ to select a file. Press ▶❚❚ to confirm.

2 On the remote control, press EDIT.
3 On the pop-up list of options, select [Save Playlist].
4 Name the playlist as needed.
↳ A music playlist is created.

Create photo albums

You can create photo albums for picture files.

1 In [Folder], select picture files.

① On the remote control, press EDIT.
↳ A list of options is displayed.

② Select [Multiple Select].
↳ A file list is created for you to add files.

③ Press ▲ / ▼ to select a file. Press ▶❚❚ to confirm.

2 On the remote control, press EDIT.
3 On the pop-up list of options, select [Save Photo Album].
4 Name the photo album as needed.
↳ A photo album is created.

5 Setup

You can change the setup options of **HMP4000**.

1 On the Home screen, select ✿ **[Setup]**.
- If necessary, press ⌂ on the remote control to go to the Home screen.
  ↳ The setup menu is displayed.

2 Press ▲▼◀▶ to select an option. Press **OK** to confirm the option.
- Press ↩ to return to the upper-level menu.

System

[Menu Language]: Select the language for onscreen menus.
[Subtitle]: Select the subtitle language for videos.
[Screen Saver Delay]: Enable the screen saver when **HMP4000** is in the idle mode for a selected time span, for example, in pause or stop mode. To exit the screen saver mode, press any key.
[Automatic Standby]: Switch **HMP4000** to standby mode when there is no button press or media play on **HMP4000** for 15 minutes.
[Request to Resume Play]: Allow you to select whether to resume video play from the last stop position.
[Reset Factory Defaults]: Restore factory settings.

Audio

[HDMI Audio Mode]: Select audio output for the HDMI connector.
[Optical output]: Select audio output for the **OPTICAL** connector
[Lip Sync]: Synchronize audio with video play.

Video

[Aspect Ratio]: Select display aspect ratio.
[TV System]: Select the video resolution that your TV supports. See your TV manual for details.
[Video Zoom]: Zoom in or out video scenes.
***[1080P 24Hz]**: Use 1080p 24 Hz for video output, where 1080p 24 Hz denotes the resolution and frame rate.
[Deep Color]: Display colors with more shades and hues when the video content is recorded in Deep Color mode and the TV supports this feature.

Note

- *If the video resolution is incompatible with your TV, you can see a blank screen. To recover the display, wait for 10 seconds.

6 EasyLink

HMP4000 supports Philips EasyLink which uses the HDMI CEC (Consumer Electronics Control) protocol. You can use a single remote control to control EasyLink compliant devices that are connected through HDMI.

1. Through HDMI, connect **HMP4000** to a TV compliant with the HDMI CEC protocol.
2. On the TV, switch on the functions to allow HDMI CEC operations (Consult the user manual of the TV).
3. On **HMP4000**, switch on **[Easy Link]**.
   - On the Home screen, select **[Setup]** > **[Easy Link]**. Select **[On]**.
4. In **[Easy Link]**, you can select the following options:

[One Touch Play] When you start play on **HMP4000**, the TV switches to the HDMI input channel automatically.
[One Touch Standby] When you switch the TV to the standby mode, **HMP4000** switches to the standby mode automatically.
[Auto Power On From TV] When you switch to the input channel of **HMP4000** on the TV, **HMP4000** can switch on automatically from the standby mode.

Note

- Philips does not guarantee 100% interoperability with all HDMI CEC devices.

7 Update the firmware through a USB storage device

Before you update the firmware, check current the firmware version of **HMP4000**.
On the Home screen, go to ✿ **[Setup]** > **[Software Upgrade]** > **[Version Info]**.

1 On your computer, do the following:

① **Go to www.philips.com/support to find the latest firmware.**

② **Search for your model and click on "Software and drivers".**

③ **Download the firmware update and save the file to the root directory of a USB storage device.**

2 On **HMP4000**, do the following:

① **Connect the USB storage device.**

② **On the Home screen, select [Setup] > [Software Upgrade]> [USB upgrade].**
↳ If a firmware update is detected, you are prompted to start the update.

3 Follow onscreen instructions to complete the update.
↳ When the update is complete, **HMP4000** switches off automatically, and then switches on again.

Caution

- Keep **HMP4000** powered on and the storage device mounted before the firmware update is complete.

8 Troubleshooting

If you contact Philips, you will be asked for the model and serial number of this player. The model number and serial number are at the bottom of this player. Write the numbers here:
Model No. _____
Serial No. _____

No picture.

- Refer to the TV user manual for how to select the correct video input channel

The contents of the USB storage device cannot be read.

- The format of this USB storage device is not supported.
- The supported memory size is 1TB maximum.
- Make sure that this player supports these files. (Refer to "**Specifications**" > "**Playable media**") .

9 Specification

Note

- Specification and design are subject to change without notice.

Power

- Input: 100-240V~ 50/60Hz, 15W
- Power consumption: < 15 W
- Power consumption in standby mode: < 0.5 W

Supported formats:

- Video: MPEG 1/2/4(MPEG 4 Part 2), H.264, VC-1, WMV9, Xvid, MKV, RMVB 8/9/10, RM, MPG, AVI, TS, M2TS, TP, IFO, ISO, VOB, DAT, MP4, MPEG, MOV (MPEG 4, H.264), ASF, FLV(640 x 480)
- Audio: Dolby digital, DTS, MPEG Audio, AAC, RA, OGG, MKA, ADPCM, AC3, WMA (V9), MP3, PCM, LPCM
- Picture: .JPEG, JPG, BMP, PNG, GIF (unanimated GIF), TIF, TIFF, HD-JPEG

HDD & USB support

- Compatibility: Hi-Speed USB (2.0)
- NTFS, FAT32, FAT, EXT-3, HFS+
- USB MTP support, USB PTP support, USB MSC support

Subtitle support

- .srt, .sub, .smi, .ssa, .idx+.sub

Video

- HDMI output: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 1080p24
- Composite video output: 1 Vpp ~ 75 ohm

Audio

- HDMI output
- Optical output
- Analog stereo output
- Signal to noise ratio (1 kHz): > 90 dB (A-weighted)
- Dynamic Range (1 kHz): > 80 dB (A-weighted)
- Frequency response: +/-0.2 dB

Main Unit

- Dimensions (L x W x H): 160 x 91 x 54.1 mm
- Net Weight: 0.25 Kg

Philips Electronics Hong Kong Ltd. hereby offers to deliver, upon request, a copy of the complete corresponding source code for the copyrighted open source software packages used in this product for which such offer is requested by the respective licenses.
This offer is valid up to three years after product purchase to anyone in receipt of this information. To obtain source code, please contact open.source@philips.com. If you prefer not to use email or if you do not receive confirmation receipt within a week after mailing to this email address, please write to "Open Source Team, Philips Intellectual Property & Standards, P.O. Box 220, 5600 AE Eindhoven, The Netherlands." If you do not receive timely confirmation of your letter, please email to the email address above.

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HMP4000_12_UM_V1.1 wk1312.5

License Texts and Acknowledgements for any open source software used in this Philips product

Instructions to obtain source code for this software can be found in the user manual, or in the supplied safety leaflet (if available).

1. Wget, Parted, Gdb

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Version 3, 29 June 2007

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To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps:

(1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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Version 2.1, February 1999

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